

SCORE Search Results Details for Application 10573229 and Search Result 20100803_081515_us-10-573-229a-1.rnpbm.

| | | | | |
|----------------------------|--------------------------------------|------------------------------|-----------------------|-----------------------------|
| Score Home | Retrieve Application | SCORE System | SCORE | Comments / |
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This page gives you Search Results detail for the Application 10573229 and Search Result 20100803_081515_us-10-573-229a-1.rnpbm.

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GenCore version 6.3

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OM nucleic - nucleic search, using sw model

Run on: August 3, 2010, 11:11:48 ; Search time 3626 Seconds
(without alignments)
8227.513 Million cell updates/sec

Title: US-10-573-229A-1
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Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 47221952 seqs, 16213567129 residues

Total number of hits satisfying chosen parameters: 94443904

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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| 2 | 920 | 100.0 | 920 | 35 | US-11-886-758-1 | Sequence 1, Appli |
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| 4 | 322.2 | 35.0 | 650 | 5 | US-09-925-065A-602935 | Sequence 602935, |
| 5 | 309.8 | 33.7 | 501 | 4 | US-09-925-065A-602938 | Sequence 602938, |
| 6 | 309.8 | 33.7 | 501 | 5 | US-09-925-065A-602938 | Sequence 602938, |
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| c 8 | 176.6 | 19.2 | 390 | 35 | US-11-886-758-267 | Sequence 267, App |
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| 10 | 149.6 | 16.3 | 485 | 4 | US-09-925-065A-425353 | Sequence 425353, |
| 11 | 149.6 | 16.3 | 485 | 5 | US-09-925-065A-425353 | Sequence 425353, |
| 12 | 122.6 | 13.3 | 561 | 3 | US-09-854-867-108 | Sequence 108, App |
| 13 | 122.6 | 13.3 | 561 | 11 | US-10-786-970A-108 | Sequence 108, App |
| 14 | 122.6 | 13.3 | 561 | 37 | US-12-411-359-108 | Sequence 108, App |
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| 16 | 121.2 | 13.2 | 541 | 3 | US-09-854-867-107 | Sequence 107, App |
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| 19 | 121.2 | 13.2 | 541 | 37 | US-12-427-111-107 | Sequence 107, App |
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| c 21 | 119.6 | 13.0 | 493 | 5 | US-09-925-065A-176178 | Sequence 176178, |
| c 22 | 119.6 | 13.0 | 504 | 15 | US-10-301-480-267430 | Sequence 267430, |
| c 23 | 119.6 | 13.0 | 504 | 15 | US-10-301-480-880839 | Sequence 880839, |
| c 24 | 109.6 | 11.9 | 590 | 4 | US-09-925-065A-73587 | Sequence 73587, A |
| c 25 | 109.6 | 11.9 | 590 | 4 | US-09-925-065A-73588 | Sequence 73588, A |
| c 26 | 109.6 | 11.9 | 590 | 5 | US-09-925-065A-73587 | Sequence 73587, A |
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| c | 29 | 109.6 | 11.9 | 590 | 15 | US-10-301-480-174827 | Sequence 174827, |
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| c | 31 | 109.6 | 11.9 | 590 | 15 | US-10-301-480-788236 | Sequence 788236, |
| c | 32 | 108 | 11.7 | 2300 | 31 | US-11-636-385-34991 | Sequence 34991, A |
| | 33 | 104.8 | 11.4 | 449 | 30 | US-11-443-428A-346143 | Sequence 346143, |
| | 34 | 104.8 | 11.4 | 478 | 25 | US-11-266-748A-80010 | Sequence 80010, A |
| c | 35 | 104.8 | 11.4 | 478 | 25 | US-11-266-748A-132821 | Sequence 132821, |
| | 36 | 104.8 | 11.4 | 737 | 16 | US-10-472-965-725 | Sequence 725, App |
| | 37 | 104.8 | 11.4 | 737 | 17 | US-10-105-299-6677 | Sequence 6677, Ap |
| | 38 | 104.8 | 11.4 | 737 | 17 | US-10-472-964-759 | Sequence 759, App |
| | 39 | 104.8 | 11.4 | 797 | 16 | US-10-472-965-117 | Sequence 117, App |
| | 40 | 104.8 | 11.4 | 797 | 17 | US-10-105-299-234 | Sequence 234, App |
| | 41 | 104.8 | 11.4 | 797 | 17 | US-10-472-964-112 | Sequence 112, App |
| | 42 | 104.8 | 11.4 | 797 | 18 | US-10-994-608-234 | Sequence 234, App |
| | 43 | 104.8 | 11.4 | 797 | 33 | US-11-781-665-234 | Sequence 234, App |
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| c | 45 | 104.8 | 11.4 | 137000 | 13 | US-10-515-538-11 | Sequence 11, Appl |

ALIGNMENTS

RESULT 1

US-10-573-229A-1

; Sequence 1, Application US/10573229A

; Publication No. US20080166340A1

; GENERAL INFORMATION

; APPLICANT: Ganymed Pharmaceuticals AG

; APPLICANT:TURECI, Ozlem

; APPLICANT:SAHIN, Ugur

; APPLICANT:HELFTENBEIN, Gerd

; APPLICANT:SCHLUTER, Volker

; TITLE OF INVENTION: Identification of Tumour-Associated Cell Surface Antigens

; TITLE OF INVENTION:for Diagnosis and Therapy

; FILE REFERENCE: VOS-203

; CURRENT APPLICATION NUMBER: US/10/573,229A

; CURRENT FILING DATE: 2008-03-06

; PRIOR APPLICATION NUMBER: PCT/EP2004/010697

; PRIOR FILING DATE: 2004-09-23

; PRIOR APPLICATION NUMBER: DE 103 44 799.7

; PRIOR FILING DATE: 2003-09-26

; NUMBER OF SEQ ID NOS: 312

; SOFTWARE: PatentIn Version 3.1

; SEQ ID NO 1

; LENGTH: 920

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-573-229A-1

Query Match 100.0%; Score 920; DB 19; Length 920;

Best Local Similarity 100.0%;

Matches 920; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TCTGTAGAGGGGAATGGCTGCTGTGTCATGGGGGTGCATGAGCAGCCCACTGGAGAGGTG 60
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| | | | |
|----|-----|---|-----|
| Db | 1 | TCTGTAGAGGGGAATGGCTGCTGTGTCATGGGGGTGCATGAGCAGCCCACTGGAGAGGTG | 60 |
| Qy | 61 | CACTTGGTGAGAAACCGATGCCTCTGCCAACCACTGCACCTAACCTGCTGGGTCTGAGAC | 120 |
| Db | 61 | CACTTGGTGAGAAACCGATGCCTCTGCCAACCACTGCACCTAACCTGCTGGGTCTGAGAC | 120 |
| Qy | 121 | TGAGCCACTTTGGAAGCTGATCTTGGAGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCAC | 180 |
| Db | 121 | TGAGCCACTTTGGAAGCTGATCTTGGAGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCAC | 180 |
| Qy | 181 | AGCCAACAACAAGACTGCAACCTCCTGGGGGATCCTGAGCCAGAATCCCTTGCTAAATT | 240 |
| Db | 181 | AGCCAACAACAAGACTGCAACCTCCTGGGGGATCCTGAGCCAGAATCCCTTGCTAAATT | 240 |
| Qy | 241 | GCTCCTTGATTCTTAACCCACAGAAATTGTGTAAGACCTCCATCAGGTGTCGACAAGGAA | 300 |
| Db | 241 | GCTCCTTGATTCTTAACCCACAGAAATTGTGTAAGACCTCCATCAGGTGTCGACAAGGAA | 300 |
| Qy | 301 | GATCCCACTAGGGCAGGAGACAGGAGCACCTCTGCTGTGGCCAATGCAGGAATGCTGGCC | 360 |
| Db | 301 | GATCCCACTAGGGCAGGAGACAGGAGCACCTCTGCTGTGGCCAATGCAGGAATGCTGGCC | 360 |
| Qy | 361 | ATCATTGCTTCTGCTGGGCGACTGAGAAGCATCACCCACTTCCCCAGAACCTTTTTTACG | 420 |
| Db | 361 | ATCATTGCTTCTGCTGGGCGACTGAGAAGCATCACCCACTTCCCCAGAACCTTTTTTACG | 420 |
| Qy | 421 | TGGAGTGAAAACCTTTAAGGGGCTGTCCAGCTAAACCTCCAACCTCCAGATCCCATGCCAA | 480 |
| Db | 421 | TGGAGTGAAAACCTTTAAGGGGCTGTCCAGCTAAACCTCCAACCTCCAGATCCCATGCCAA | 480 |
| Qy | 481 | TTTCTCTGCTTCTGCAAAAAGGACTTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGGTA | 540 |
| Db | 481 | TTTCTCTGCTTCTGCAAAAAGGACTTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGGTA | 540 |
| Qy | 541 | AAACCCCTCCCTGCCCGAGGCCCAAGCAAGGATTTCCTAGCGGGGAGGAAGGTAGAAATC | 600 |
| Db | 541 | AAACCCCTCCCTGCCCGAGGCCCAAGCAAGGATTTCCTAGCGGGGAGGAAGGTAGAAATC | 600 |
| Qy | 601 | GAGAGACCTCTAACCTTGGGAGAGGAGGGAGGGAAATCTCCGAGGACCAGGGTTATGCAA | 660 |
| Db | 601 | GAGAGACCTCTAACCTTGGGAGAGGAGGGAGGGAAATCTCCGAGGACCAGGGTTATGCAA | 660 |
| Qy | 661 | CAACAACAAGGGAAGTACCTGCTGGGTCTGGGGGTTGGGGAAGGAAAAATCCCTACTGCC | 720 |
| Db | 661 | CAACAACAAGGGAAGTACCTGCTGGGTCTGGGGGTTGGGGAAGGAAAAATCCCTACTGCC | 720 |
| Qy | 721 | CAAGAGCCAGCCCCGAACCAAGGCACAGCTTATACTGGCCCCGGGGCTGGGGGGGCAC | 780 |
| Db | 721 | CAAGAGCCAGCCCCGAACCAAGGCACAGCTTATACTGGCCCCGGGGCTGGGGGGGCAC | 780 |
| Qy | 781 | GAAAACCTTGAAAAAGGGGCGCCTTCCCAGCTTCCCCGGGGGTAAGGGCTTTACCCCCA | 840 |
| Db | 781 | GAAAACCTTGAAAAAGGGGCGCCTTCCCAGCTTCCCCGGGGGTAAGGGCTTTACCCCCA | 840 |
| Qy | 841 | GAGGGGGGGGAAAAATCCGAGTGGGATCTTTCCCAACCGCCGAAGACTAAAACCTTTAA | 900 |

Db 841 GAGGGGGGGGAAAAATCCGAGTGGGATCTTTCCCAACCGCCGAAGACTAAAACCTTTAA 900

Qy 901 ACCCCCAAAGAAACCTTCTA 920
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Db 901 ACCCCCAAAGAAACCTTCTA 920

RESULT 2

US-11-886-758-1

; Sequence 1, Application US/11886758

; Publication No. US20090214550A1

; GENERAL INFORMATION:

; APPLICANT: Ganymed Pharmaceuticals AG

; TITLE OF INVENTION: Identification of Surface-Associated Antigens for

; TITLE OF INVENTION: Tumor Diagnosis and Therapy

; FILE REFERENCE: 342-26PCT

; CURRENT APPLICATION NUMBER: US/11/886,758

; CURRENT FILING DATE: 2007-09-27

; PRIOR APPLICATION NUMBER: DE 10 2005 013 846.2

; PRIOR FILING DATE: 2005-03-24

; NUMBER OF SEQ ID NOS: 314

; SOFTWARE: PatentIn version 3.3

; SEQ ID NO 1

; LENGTH: 920

; TYPE: DNA

; ORGANISM: Homo sapiens

US-11-886-758-1

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 Best Local Similarity 100.0%;
 Matches 920; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 TCTGTAGAGGGGAATGGCTGCTGTGTCATGGGGGTGCATGAGCAGCCAGTGGAGAGGTT 60

Qy 61 CACTTGGTGAGAAACCGATGCCTCTGCCAACCACTGCCTAACCTGCTGGGTCTGAGAC 120
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Db 61 CACTTGGTGAGAAACCGATGCCTCTGCCAACCACTGCCTAACCTGCTGGGTCTGAGAC 120

Qy 121 TGAGCCACTTTGGAAGCTGATCTTGAGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCAC 180
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Db 121 TGAGCCACTTTGGAAGCTGATCTTGAGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCAC 180

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| Qy | 361 | ATCATTGCTTCTGCTGGGCGACTGAGAAGCATCACCCACTTCCCCAGAACCTTTTTTACG | 420 |
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| Qy | 421 | TGGAGTGAAAACCTTTAAGGGGCTGTCCAGCTAAACCTCCAACCTCCAGATCCCATGCCAA | 480 |
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| Db | 541 | AAACCTCCCTGCCCCAGGCCCAAGCAAGGATTTCCTAGCGGGGAGGAAGGTAGAATC | 600 |
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| Qy | 721 | CAAGAGCCAGCCCCGAACCAAGGCACAGCTTATACTGGCCCCGGGGCCTGGGGGGGCAC | 780 |
| Db | 721 | CAAGAGCCAGCCCCGAACCAAGGCACAGCTTATACTGGCCCCGGGGCCTGGGGGGGCAC | 780 |
| Qy | 781 | GAAAACCTTGAAAAAGGGGCGCCTTCCCAGCTTCCCCGGGGTAAAGGGCTTTACCCCCA | 840 |
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| Qy | 841 | GAGGGGGGGGAAAAATCCGAGTGGGATCTTTCCCAACCGCCGAAGACTAAAACCTTTAA | 900 |
| Db | 841 | GAGGGGGGGGAAAAATCCGAGTGGGATCTTTCCCAACCGCCGAAGACTAAAACCTTTAA | 900 |
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| Db | 901 | ACCCCCAAAGAACCTTCTA | 920 |

RESULT 3

US-09-925-065A-602935

; Sequence 602935, Application US/09925065A

; Publication No. US20040181048A1

; GENERAL INFORMATION:

; APPLICANT: Wang, David G.

; TITLE OF INVENTION: Identification and Mapping of Single

; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome

; FILE REFERENCE: 108827.135

; CURRENT APPLICATION NUMBER: US/09/925,065A

; CURRENT FILING DATE: 2001-08-08

; PRIOR APPLICATION NUMBER: US 60/243,096

; PRIOR FILING DATE: 2000-10-24

; PRIOR APPLICATION NUMBER: US 60/252,147

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; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 602935
; LENGTH: 650
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-602935

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Query Match 35.0%; Score 322.2; DB 4; Length 650;
 Best Local Similarity 95.4%;
 Matches 354; Conservative 0; Mismatches 13; Indels 4; Gaps 2;

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Qy      433 TTTAAGGGGCTGTCCAGCTAAACCTCCAACCTCCAGATCCCATGCCAATTCTCTGCTTC 492
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Db      61 TTTAAGGGGCTGTCCAGCTAAACCTCCAACCTCCAGATCCCATGCCAATTCTCTGCTTC 120

Qy      493 TGCAAAAGGACTTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGGTAAAAACCTCCCTG 552
        |||
Db      121 TGCAAAAGGACTTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGGTAAAAACCTCCCTG 180

Qy      553 CCCAGGCCCAAGCAAGGATTTCCTAGCGGGGAGGAAGGTAGAAATCGAGAGACCTCTA 612
        |||
Db      181 CCCAGGCCCAAGCAAGGATTTCCTAGCGGGGAGGAAGGTAGAAATCGAGAGACCTCTA 240

Qy      613 ACCCTGGGAGAGGAGGGAGGGAAATCTCCGAGGACCAGGGTTATGCAACAACACAAGGGA 672
        |||
Db      241 ACCCTGGGAGAGGAGGGAGGGAAATCTCCGAGGACCAGGGTTATGCAACAACACAAGGGA 300

Qy      673 AGTACCTGCTGGGTTCCTGGGGGTTGGGGAGGAAATCCCTACTGCCCCAAGAGCCAGCC 732
        |||
Db      301 AGTACCTGCTGG---TTCTGGGGTTGGGGAGGAAGATCCCTACTG-CCCAGAGCCAGCA 356

Qy      733 CCGAACCCAAG 743
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Db      357 CAGACACAAG 367

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RESULT 4
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 ; Sequence 602935, Application US/09925065A
 ; Publication No. US20050228172A9
 ; GENERAL INFORMATION:
 ; APPLICANT: Wang, David G.
 ; TITLE OF INVENTION: Identification and Mapping of Single

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; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 602935
; LENGTH: 650
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-602935
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Query Match          35.0%; Score 322.2; DB 5; Length 650;
Best Local Similarity 95.4%;
Matches 354; Conservative 0; Mismatches 13; Indels 4; Gaps 2;
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Qy      373 GCTGGGCGACTGAGAAGCATCACCCACTTCCCCAGAACCTTTTTCAGTGGAGTGAAAAAC 432
          |||
Db      1   GCTGGGCGACTGAGAAGCATCACCCACTTCCCCAGAACCTTTTTCAGTGGAGTGAAAAAC 60

Qy      433 TTTAAGGGGCTGTCCAGCTAAACCTCCAACCTCCAGATCCCATGCCAATTTCTCTGCTTC 492
          |||
Db      61   TTTAAGGGGCTGTCCAGCTAAACCTCCAACCTCCAGATCCCATGCCAATTTCTCTGCTTC 120

Qy      493 TGCAAAAGGACTTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGGTAAAAACCTCCCTG 552
          |||
Db      121 TGCAAAAGGACTTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGGTAAAAACCTCCCTG 180

Qy      553 CCCAGGCCCCAAGCAAGGATTTCCTAGCGGGGAGGAAGGTAGAATCGAGAGACCTCTA 612
          |||
Db      181 CCCAGGCCCCAAGCAAGGATTTCCTAGCGGGGAGGAAGGTAGAATCGAGAGACCTCTA 240

Qy      613 ACCCTGGGAGAGGAGGGAGGGAAATCTCCGAGGACCAGGGTTATGCAACAACACAAGGGA 672
          |||
Db      241 ACCCTGGGAGAGGAGGGAGGGAAATCTCCGAGGACCAGGGTTATGCAACAACACAAGGGA 300

Qy      673 AGTACCTGCTGGGTTCTGGGGTTGGGGAGGAAATCCCTACTGCCCCAAGAGCCAGCC 732
          |||
Db      301 AGTACCTGCTGG---TTCTGGGGTTGGGGAGGGAAGATCCCTACTG-CCCAAGAGCCAGCA 356

Qy      733 CCGAACCCAAG 743
          |||
Db      357 CAGACACAAGG 367
```

RESULT 5

Qy 741 AAG 743
 | |
 Db 358 AGG 360

RESULT 6

US-09-925-065A-602938

; Sequence 602938, Application US/09925065A

; Publication No. US20050228172A9

; GENERAL INFORMATION:

; APPLICANT: Wang, David G.

; TITLE OF INVENTION: Identification and Mapping of Single

; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome

; FILE REFERENCE: 108827.135

; CURRENT APPLICATION NUMBER: US/09/925,065A

; CURRENT FILING DATE: 2001-08-08

; PRIOR APPLICATION NUMBER: US 60/243,096

; PRIOR FILING DATE: 2000-10-24

; PRIOR APPLICATION NUMBER: US 60/252,147

; PRIOR FILING DATE: 2000-11-20

; PRIOR APPLICATION NUMBER: US 60/250,092

; PRIOR FILING DATE: 2000-11-30

; PRIOR APPLICATION NUMBER: US 60/261,766

; PRIOR FILING DATE: 2001-01-16

; PRIOR APPLICATION NUMBER: US 60/289,846

; PRIOR FILING DATE: 2001-05-09

; NUMBER OF SEQ ID NOS: 957086

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 602938

; LENGTH: 501

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-925-065A-602938

Query Match 33.7%; Score 309.8; DB 5; Length 501;

Best Local Similarity 94.5%;

Matches 343; Conservative 0; Mismatches 17; Indels 3; Gaps 2;

Qy 381 ACTGAGAAGCATCACCCACTTCCCCAGAACCTTTTTTACGTGGAGTGAAAACTTTAAGGG 440

Db 1 ACTGAGAAGCATCACCCACTTCCCCAGAGCCTTTTTTACATGGAGTGAAAACTTTAAGGG 60
 |||

Qy 441 GCTGTCCAGCTAAACCTCCAACCTCCAGATCCCATGCCAATTTCTCTGCTTCTGCAAAAG 500

Db 61 GCTGTCCAGCTAAACCTCCAACCTCCAGATCCCATGCCAAGTTCTCTGCTTCTGCAAAAG 120
 |||

Qy 501 GACTTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGGTAAAACCTCCCTGCCCCAGGC 560

Db 121 GACTTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGGTAAAACCTCCCTGCCCCAGGC 180
 |||

Qy 561 CCCAAGCAAGGATTTCCCTAGCGGGGAGGAAGGTAGAAATCGAGAGACCTCTAACCTTGGG 620

Db 181 CCCAAGCAAGGATTTCCCTAGCGGGGAGGAAGGTAGAAATCGAAAGACCTCTAACCTTGGG 240
 |||

Qy 621 AGAGGAGGGAGGGAATCTCCGAGGACCAGGGTTATGCAACAACACAAGGGAAGTACCTG 680

```

|||||
Db      241 AGAGGAGGGAGGGAATCTCCGAGGACCAGGTTATGCAACAACACAGGGAAGTACCTG 300

Qy      681 CTGGGTTCTGGGGGTGGGGAAGGAAATCCCTACTGCCCAAGAGCCAGCCCCGAACCC 740
      |||| | |||| || |||| ||||| ||||| ||||| || | |
Db      301 CTGG--TTCTGGGGTCAGGGGAGGAAGATCCCTACTG-CCCAAGAGCCAGCACAGACACA 357

Qy      741 AAG 743
      | |
Db      358 AGG 360

```

RESULT 7

```

US-10-573-229A-267/c
; Sequence 267, Application US/10573229A
; Publication No. US20080166340A1
; GENERAL INFORMATION
; APPLICANT: Ganymed Pharmaceuticals AG
; APPLICANT:TURECI, Ozlem
; APPLICANT:SAHIN, Ugur
; APPLICANT:HELFTENBEIN, Gerd
; APPLICANT:SCHLUTER, Volker
; TITLE OF INVENTION: Identification of Tumour-Associated Cell Surface Antigens
; TITLE OF INVENTION:for Diagnosis and Therapy
; FILE REFERENCE: VOS-203
; CURRENT APPLICATION NUMBER: US/10/573,229A
; CURRENT FILING DATE: 2008-03-06
; PRIOR APPLICATION NUMBER: PCT/EP2004/010697
; PRIOR FILING DATE: 2004-09-23
; PRIOR APPLICATION NUMBER: DE 103 44 799.7
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 312
; SOFTWARE: PatentIn Version 3.1
; SEQ ID NO 267
; LENGTH: 390
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-573-229A-267

```

```

Query Match      19.4%; Score 178.2; DB 19; Length 390;
Best Local Similarity 93.5%;
Matches 186; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

```

```

Qy      328 ACCTCTGCTGTGGCCAATGCAGGAATGCTGGCCATCATTGCTTCTGCTGGGCGACTGAGA 387
      | |||||
Db      264 ATCTCTGCTGTGGCCAATGCAGGAATGCTGGCCATCATTGCTTCTGCTGGGCGACTGAGA 205

Qy      388 AGCATCACCCACTTCCCAGAACCTTTTTTACGTGGAGTGAAACTTTAAGGGGCTGTCC 447
      |||||
Db      204 AGCATCACCCACTTCCCAGAACCTTTTTTACGTGGAGTGAAACTTTAAGGGGCTGTCC 145

Qy      448 AGCTAAACCTCCAACCTCCAGATCCCATGCCAATTTCTCTGCTTCTGCAAAAGGACTTCA 507
      |||||
Db      144 AGCTAAACCTCCAACCTCCAGATCCCATGCCAATTTCTCTGCTTCTGCAAAAGGACTCAT 85

```



```

; APPLICANT: Freilich, Shiri
; APPLICANT: Beck, Nili
; APPLICANT: Zhu, Wei-Yong
; APPLICANT: Wasserman, Alon
; APPLICANT: Hermesh, Chen
; APPLICANT: Azar, Idit
; APPLICANT: Bernstein, Jeanne
; TITLE OF INVENTION: METHODS AND SYSTEMS USEFUL FOR ANNOTATING BIOMOLECULAR SEQUENCES
; FILE REFERENCE: 02/23929
; CURRENT APPLICATION NUMBER: US/11/443,428A
; CURRENT FILING DATE: 2006-05-31
; NUMBER OF SEQ ID NOS: 1034312
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 197866
; LENGTH: 872
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-443-428A-197866

```

```

Query Match          16.3%; Score 149.8; DB 30; Length 872;
Best Local Similarity 90.4%;
Matches 160; Conservative 0; Mismatches 17; Indels 0; Gaps 0;

```

```

Qy      127 ACTTTGGAAGCTGATCTTGAGGACCAAGCCCTTAGCTGGCTGCAGCCACAGCCAA 186
        |||
Db      1 ACTTTGGAAGCTGATCTTGAGGACCAAGCCCTTAGCTGGCTGCAGCCACAGCCAA 60

Qy      187 CAACAAGACTGCAACCTCCTGGGGGATCCTGAGCCAGAATCCCTTGCTAAATTGCTCCT 246
        |||
Db      61 CAACAAGACTGCAACCTCCTGGGGGATCCTGAGCCAGAATCCCTTGCTAAATTGCTCCT 120

Qy      247 TGATTCTTAACCCACAGAAAATTGTGTAAGACCTCCATCAGGTGTGCACAAGGAAGAT 303
        |||
Db      121 TGATTCTTAACCCACAGAAAATTGTGCTTAACACCATGCGAAGCTGCCAAGGCTTAT 177

```

RESULT 10

```

US-09-925-065A-425353
; Sequence 425353, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16

```

```
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 425353
; LENGTH: 485
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-425353
```

```
Query Match          16.3%; Score 149.6; DB 4; Length 485;
Best Local Similarity 91.0%;
Matches 193; Conservative 0; Mismatches 14; Indels 5; Gaps 3;
```

```
Qy      532 ACGGGGGTAAAACCTTCCTGCCCCAGGCCCAAGCAAGGATTTCCTAGCGGGGAGGAA 591
         |||||||
Db      1 ACGGGGGTAAAACCTTCCTGCCCCAGGCCCAAGCAAGGATTTCCTAGCGGGGAGGAA 60

Qy      592 GGTAGAATCGAGAGACCTCTAACCTTGGGAGAGGAGGGAGGGGAAATCTCCGAGGACCAGG 651
         |||||||
Db      61 GGTAGAATCGAGAGACCTCTAA-CCTGGGAGAGGAGGGAGGGGAAATCTCCGAGGACCAGG 119

Qy      652 GTTATGCAACAACACAAGGGAAGTACCTGCTGGGTTCTGGGGTTGGGGAAGGAAAATCC 711
         |||||||
Db      120 GTTATGCAACAACACAAGGGAAGTACCTGCTGG---TTCTGGGGTTGGGAGGAAGATCC 176

Qy      712 CTACTGCCCCAAGAGCCAGCCCCGAACCCAAG 743
         |||||
Db      177 CTACTG-CCCAAGAGCCAGCACAGACACAAGG 207
```

```
RESULT 11
US-09-925-065A-425353
; Sequence 425353, Application US/09925065A
; Publication No. US20050228172A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 425353
; LENGTH: 485
```

```
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-425353
```

```
Query Match          16.3%; Score 149.6; DB 5; Length 485;
Best Local Similarity 91.0%;
Matches 193; Conservative 0; Mismatches 14; Indels 5; Gaps 3;
```

```
Qy      532 ACGGGGGTAAAACCTTCCTGCCCCAGGCCCAAGCAAGGATTTCCTAGCGGGGAGGAA 591
          |||
Db      1 ACGGGGGTAAAACCTTCCTGCCCCAGGCCCAAGCAAGGATTTCCTAGCGGGGAGGAA 60

Qy      592 GGTAGAATCGAGAGACCTCTAACCTGGGAGAGGAGGGAGGGAATCTCCGAGGACCAGG 651
          |||
Db      61 GGTAGAATCGAGAGACCTCTAA-CCTGGGAGAGGAGGGAGGGAATCTCCGAGGACCAGG 119

Qy      652 GTTATGCAACAACACAAGGGAAGTACCTGCTGGGTTCTGGGGTTGGGGAAGGAAATCC 711
          |||
Db      120 GTTATGCAACAACACAAGGGAAGTACCTGCTGG---TTCTGGGGTTGGGAGGAAGATCC 176

Qy      712 CTACTGCCCCAAGAGCCAGCCCCGAACCCAAG 743
          |||
Db      177 CTACTG-CCCAAGAGCCAGCACAGACACAAGG 207
```

RESULT 12

US-09-854-867-108

; Sequence 108, Application US/09854867

; Publication No. US20030224356A1

; GENERAL INFORMATION:

; APPLICANT: JOAN, KNOLL H

; APPLICANT: ROGAN, PETER K

; TITLE OF INVENTION: SINGLE COPY GENOMIC HYBRIDIZATION PROBES AND METHOD OF GENERATING SAME

; FILE REFERENCE: 30307

; CURRENT APPLICATION NUMBER: US/09/854,867

; CURRENT FILING DATE: 2003-05-08

; NUMBER OF SEQ ID NOS: 613

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 108

; LENGTH: 561

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: repeat_region

; LOCATION: (1)..(561)

; OTHER INFORMATION: mltlfl

; FEATURE:

; NAME/KEY: misc_feature

; LOCATION: (62)..(62)

; OTHER INFORMATION: n is a, c, g or t

; FEATURE:

; NAME/KEY: misc_feature

; LOCATION: (165)..(165)

; OTHER INFORMATION: n is a, c, g or t


```

; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: repeat_region
; LOCATION: (1)..(561)
; OTHER INFORMATION: mlt1f1
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (62)..(62)
; OTHER INFORMATION: n is a, c, g or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (165)..(165)
; OTHER INFORMATION: n is a, c, g or t
US-12-411-359-108

```

Query Match 13.3%; Score 122.6; DB 37; Length 561;
Best Local Similarity 69.6%;
Matches 201; Conservative 0; Mismatches 74; Indels 14; Gaps 2;

| | | | |
|----|-----|--|-----|
| Qy | 2 | CTGTAGAGGGGAATGGCTGCTGTGTGCATGGGGGTGCATGAGCAGCCCACTGGAGAGGTGC | 61 |
| | | | |
| Db | 201 | CTCTGGGGGAAGCCAGCTGCCATGTTCATGAGGACACTCAAGCAGCCCTGTGGAGAGGCC | 260 |
| Qy | 62 | ACTTGGTGAGAAACCAGTGCCCT-CTGCCAACCACTGCACTAACCCTGCTGGGTC----- | 114 |
| | | | |
| Db | 261 | ATGTGGCAAGGAACTGAGGCCCTCTGCCAACAGCCAGCAAGGAACTGAGGCCCTCTGCCA | 320 |
| Qy | 115 | -----TGAGACTGAGCCACTTTGGAAGCTGATCTTGGAGCACCAAGTCAAGCCCTTAGC | 167 |
| | | | |
| Db | 321 | ACAGCCATGTGAGTGAGCCATCTTGGAAAGCAGATCCTCCAGCCCCAGTCAAGCCCTTCAGA | 380 |
| Qy | 168 | TGGCTGCAGCCACAGCCAACAACAAGACTGCAACCTCCTGGGGATCCTGAGCCAGAATC | 227 |
| | | | |
| Db | 381 | TGACTGCAGCCCAGCTAACATCTTGACTGCAACCTCATGAGAGACCCTGAGCCAGAACC | 440 |
| Qy | 228 | CCCTGGCTAAATTGCTCCTTGATTCTTAACCCACAGAAATTGTGTAAGA | 276 |
| | | | |
| Db | 441 | AOCCAGCTAAGCTGCTCCTAAATTCCTGACCCACAGAACTGTGAGAGA | 489 |

RESULT 15

```

US-12-427-111-108
; Sequence 108, Application US/12427111
; Publication No. US20100003684A1
; GENERAL INFORMATION
; APPLICANT: JOAN, KNOLL H
; APPLICANT:ROGAN, PETER K
; TITLE OF INVENTION: SINGLE COPY GENOMIC HYBRIDIZATION PROBES AND METHOD OF GENERATING
SAME
; FILE REFERENCE: 30307
; CURRENT APPLICATION NUMBER: US/12/427,111
; CURRENT FILING DATE: 2009-04-21
; PRIOR APPLICATION NUMBER: 09/573,080
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 479

```

